Best Practices for mySAP.com

FUNCTIONAL SPECIFICATION
OTHER DEVELOPMENT

Section I: Request

Area (SAP System components)	FI (AP)		Date:	04/03/2006
Requested by:	Teresa Hane		Tel no:	
Title:	FI Accounts Payable Parked Invoice (FV60) User Exit			
Short description:	Inter/Intra-Departmental Transfers - Process AP for non-live agencies – (reference STARS Interface Documentation) includes enchancement (user exit) to validate receivable exists when the vendor is an agency/department. Note: Deletion of the parked (saved as complete) invoice and inclusion in the STARS exception file/history file will be included in the STARS Interface documentation.			
Program type:	☒ Enhancement ☐ Dialog program ☐ Modification ☐ Report ☐ Others			
Priority:	☒ High/mandatory ☐ Medium/recommended ☐ Low/optional			
		Date available from:	ASAP	

<u>General information:</u>	
Results if no conversions are created:	☐ Legal requirements not fulfilled ☐ Lack of essential business information ☒ Lack of functions compared to legacy system ☐ Others:
Approx. duration of development work:	10 Days
Is there an alternative in the standard system?	☐ Yes ☒ No
Description of alternative:	
Reasons why alternative is not acceptable:	☐ Performance problems ☐ Complexity ☐ Others:

Project cost:	3 days	Charge cost to:	
Cost approved by:			
Date of project management approval:		Date of steering committee approval:	

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Section II: Detailed Functional Description

Background:
The State of South Carolina frequently bills itself for goods and/or services. These inter/intra-departmental transfers require validation of the cash control edit and funds availability. These transactions are analyzed monthly & yearly for possible reversal in preparing financial statements. Therefore, there is a concern that month-end and/or year-end will not contain both receivable and payable entries (i.e. lag in payment) which may result in our inability to identify and/or reverse these transactions, if applicable.

Inter-departmental Transfers:
- The billing agency will usually create an Accounts Receivable and send that invoice to its "sister" agency for payment. The billing agency should record revenues, for their business area, at the time the receivable is recorded/posted.
- The paying agency may hold the invoice until such time as there are adequate funds and cash available to pay the invoice. The paying agency records expenditures, for their business area, at the time the invoice is approved/posted.
- When the actual payment is made for the Inter-departmental Transfer (IDT), no check should be generated and the receivable should be cleared automatically.

Intra-departmental Transfers:
- One department (cost center) may bill another department (cost center) for goods/services (e.g. like motor pool, etc.) within the same agency. The billing department will usually create an Accounts Receivable and send that invoice to another department for payment. The billing department should record revenues, for their cost center, at the time the receivable is recorded/posted.
- The paying department may hold the invoice until such time as there are adequate funds and cash available to pay the invoice. The paying department records expenditures, for their cost center, at the time the invoice is approved/posted.
- When the actual payment is made for the Intra-departmental Transfer (IDT), no check should be generated and the receivable should be cleared automatically.

Requirement:

- When a non-Live Agency's paying system submits a bill to STARS for payment, the STARS interface will require the following edits prior to creating the SAP Accounts Payable (FV60):
    - Is the vendor another agency/dept? If not, go to funds availability check. If it is, go to the next item.
    - Does the receivable exist (i.e. SAP A/R reference #)? If not, go to STARS error file. If it does, go to funds availability check. This edit will require an enhancement.

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  - Are funds available? If the funds are available, park (save as complete) the payable. If not, go to STARS error file.
- If the payment fails after parking (save as complete) but is rejected by workflow, the document will be deleted, the record will be mapped back to STARS master data and will be included in the STARS Error file.
- If the payment fails due to insufficient cash during the proposal run, the record will be mapped back to STARS master data and will be included in the STARS Error file.
- When the invoice is paid (dr. vendor, cr. Cash), the record including the check # and the SAP doc # will be mapped back to STARS master data and will be included in the STARS History file.

Online Transaction	
Relevant tables:	BKPF, BSEG, BSEG_ADD, BSIK, BSAK, BSID and BSAD
Transactions:	Transaction FV60 Park Vendor Invoice Program SAPMF05A

Important Consistency Checks:

Position	*Field*	*Description*
1.	Enterprise	
2.	Fiscal year	
3.	Material number	

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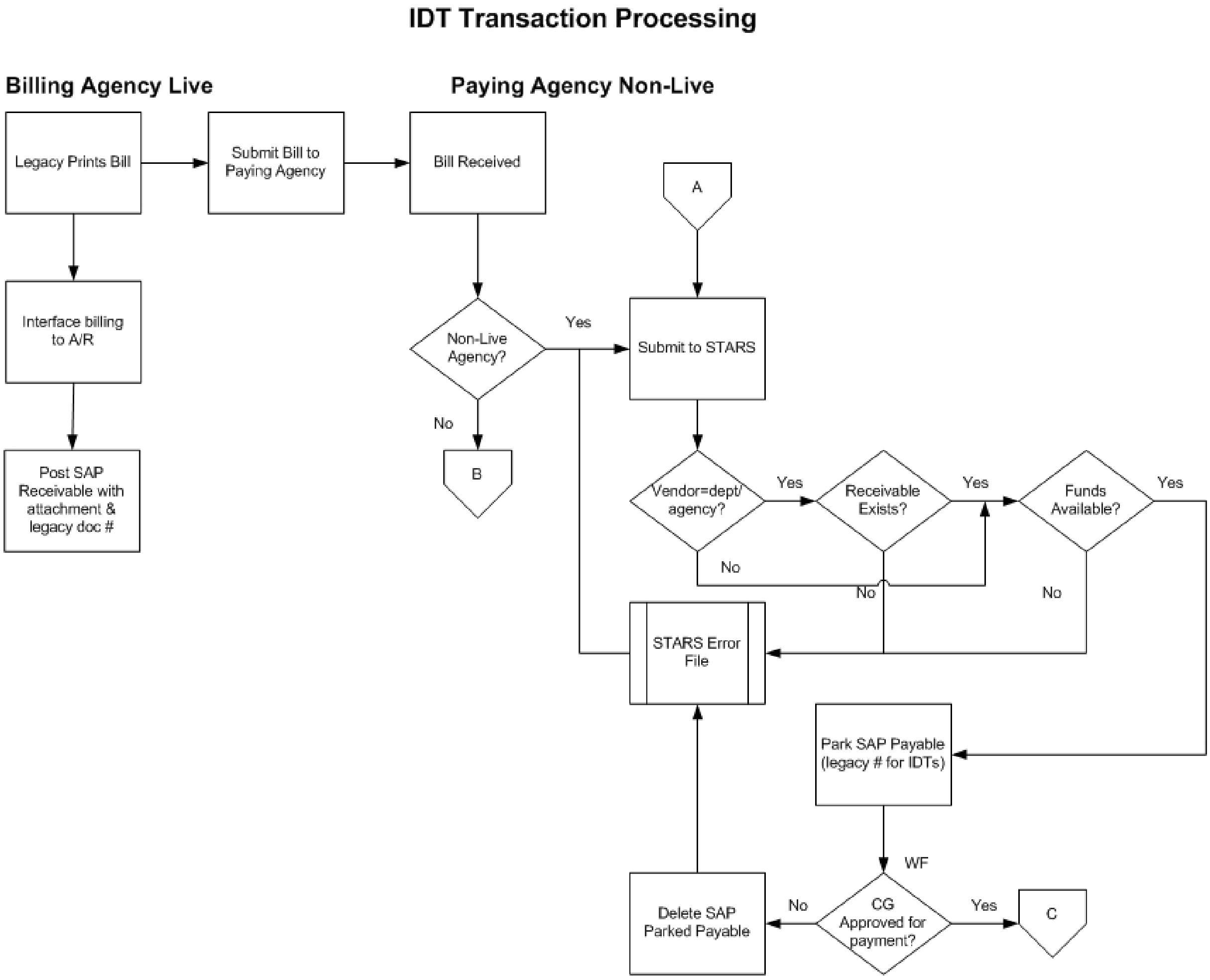
Flow Logic:



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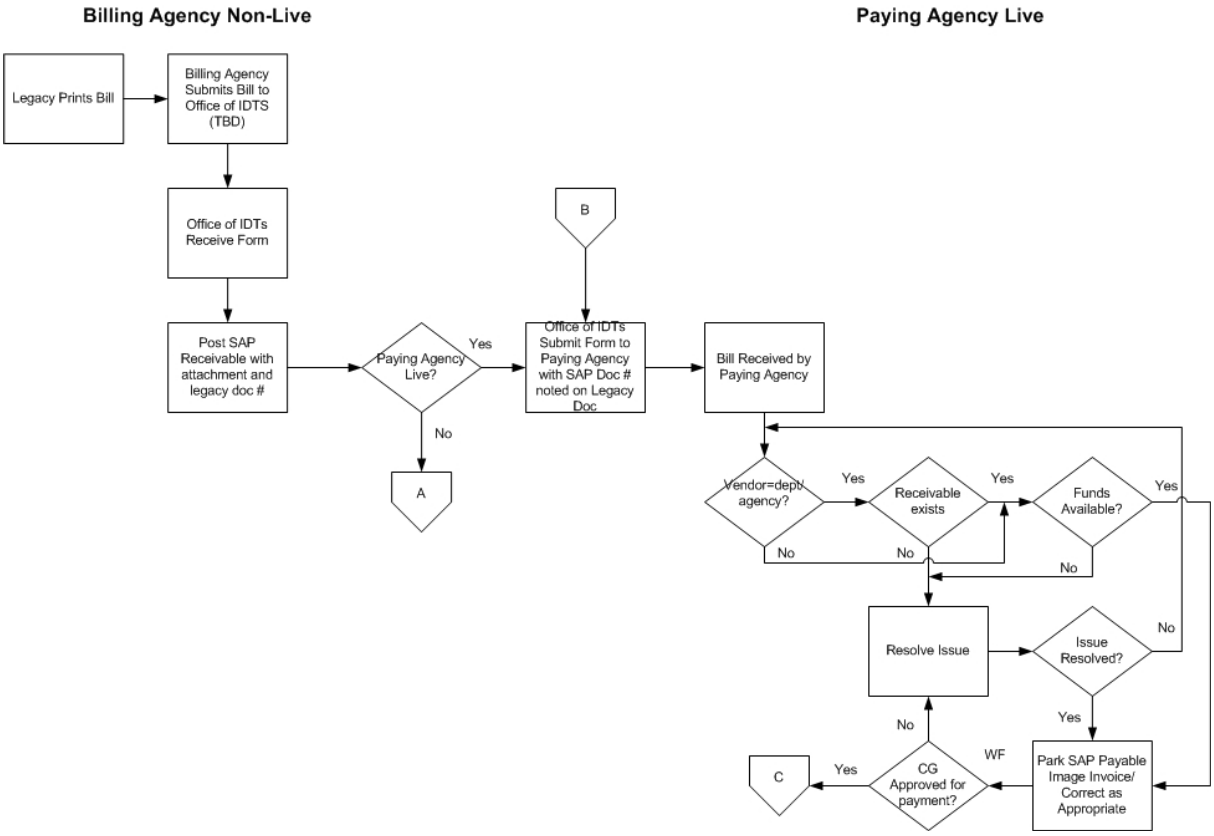
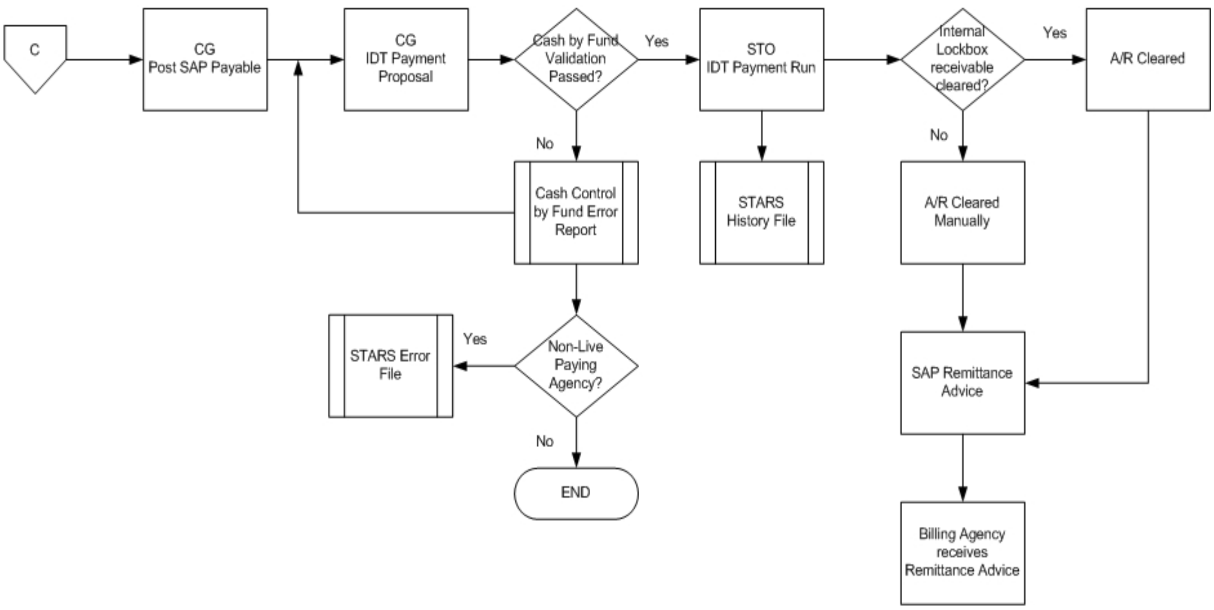
IDT Transaction Processing



IDT Payment Processing
All Agencies



Example

Screen 100 → 200 → if you have selected pushbutton 1, go to screen 210; otherwise go to screen 220.

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Enhancement	
Exit type:	☒ User exit ☐ Table exit ☐ Field exit
Name of user exit:	Validation Financial Accounting>Financial Accounting Global Settings>Document>Document Header>Validation in Accounting Documents Transaction OB28 IMG>Financial Accounting>Special Purpose Ledger>Tools>Maintain Validation/Substitution/Rules>Maintain Validation Transact GGB0

Other Development
1. Enhancement: Specify the name of the current enhancement and the path in Customizing. Provide details about any changes to be made.
2. Matchcode ID or search help: Specify the new matchcode ID, which has to be entered or changed. Provide details about the fields to be selected and the path in the SAP System, where the matchcode ID can be found.
3. Modification: Provide exact details of changes to be made (program name, transaction).
Transaction FV60 Park Vendor Invoice Program SAPMF05A Validate IDT receivable exists prior to posting payable.

This section should only include development that has not been covered in other sections.

Signature of member of cross-application team: ____________________ Date: / /

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Section III: Functional Test			
Program:	ZFO0001	Test date:	
Developer:		Tel no:	

Team member responsible for testing:

1. Test file(s): (optional)

2. Is the program in line with the functional specification?
   ☐ Yes ☐ No
   If "Yes", sign the form in the appropriate section below. If necessary, add some comments in the 'General comments' section.
   If "No", describe the errors in the program here.

Developer responsible:

3. Describe the solution(s) :

4. New completion date:

Comments after second test (if the program contained errors after first test):
Date: / /

General comments:

Names and signatures:

____
Application consultant

____
Developer

CRM- Specific Add-ons

A) Tile/Tileset (Only Mobile Sales / Mobile Service)	
Tables involved:	Table name Description

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Design of desired screen(s):

(This space intentionally left blank.)

Consistency checks that must be done:

Item	Screen Field	Description

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B) Customizing	
B1 Customizing Client	
☐ Customize F4 help file	☐ Yes ☐ No
☐ Customize method-specific parameters	☐ New account group ☐ New activity type ☐ New relation type (interlinkage) ☐ ☐ ☐
☐ Change layout on existing	☐ Tiles ☐ Tile sets
☐ Customize Navigation Bar	☐ Inactivate navigation bar ☐ Customize name of navigation bar ☐ ☐
☐ Set up Chrystal Report	☐ Yes ☐ No
☐ Set up BACKWEB client	☐ Yes ☐ No
Detailed description:	

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B2 Customizing Middleware	
☐ Customize Replication	☐ Publication ☐ Subscription
☐ Filter criteria for	☐ Download to OLTP ☐ Upload to OLTP
☐ Priority of Replication Objects	
Detailed description:	

C) Modification	
C1 Modification Client (Only Mobile Sales / Mobile Service)	
☐ Change existing Business Context	
☐ Change existing	☐ Tile ☐ Tile set ☐ UI logic ☐ Script code ☐ Query definition

☐ Change existing objects	☐ Query objects
	☐ Combo objects
	☐ Business objects
	    ☐ Business rules of BO
	    ☐ Property of BO
	    ☐ Methods of BO
	    ☐ Event-handler (loaded, attribute changed)

☐ Relations between BOs	
☐ READ transactions	
Detailed description:	

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C2 Modification Middleware	
☐ Change of Replication Object Type	☐ Bulk ☐ Intelligent ☐ Dependent ☐ Dependent-intelligent
☐ Modification R/3 Adapter ☐ Modification other non-generated service	
Detailed description:	

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C3 Modification Client and Middleware	
☐ Change of existing WRITE transactions (= Replication Objects) in the sense of deleting/modifying segments	
☐ Appends on existing tables	Table name Description
Detailed description:	

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D) Enhancements

D1 Enhancement Client Only (Only Mobile Sales / Mobile Service)

☐ New Business Context	
☐ New User Exit VBA programming in existing objects	
☐ New tiles/Tile sets/UI logic, script code, query definition	☐ New tile ☐ New tile set ☐ New UI logic ☐ New script code ☐ New query definition

☐ New object	☐ Query object
	☐ Combo object
	☐ Business objects
	    ☐ Business rules of BO
	    ☐ Property of BO
	    ☐ Methods of BO
	    ☐ Event-handler (loaded, attribute changed)

☐ New relation between BOs	
☐ New READ transactions	
☐ New third-party integration/interfaces	Third-party product Description

Detailed description:

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D2 Enhancement Middleware Only	
☐ New Service	☐ Clearing ☐ ☐
☐ New User Exit in existing service	
☐ New adapter (technical only, no business logic)	☐ Import third party data ☐ Export third party data
☐ Enhancement of existing interfaces with R/3 OLTP	
☐ New interfaces with R/3 OLTP (OLTP-middleware server)	
Detailed description:	

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D3 Enhancement Client and Middleware	
☐ New tables	Table name Description
☐ New WRITE transaction	
☐ Change of existing WRITE transactions in sense of adding segments	
☐ Indices fitting to client needs (READ transaction) and/or middleware issues	☐ Keygen ☐ Extract service ☐
☐ New industry template including	☐ Industry-specific UI ☐ Industry-specific Business Object Layer (BOL) ☐ Industry-specific Transaction Layer (TL) ☐ Replication
Detailed description:	

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